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                 CAS REGISTRY enhanced with additional experimental
                  spectral property data
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      9
         SEP 07
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                 World Patents Index
         SEP 13
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                 FORIS renamed to SOFIS
         SEP 13
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                 INPADOCDB enhanced with monthly SDI frequency
NEWS 12
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                 CA/CAplus enhanced with printed CA page images from
                  1967-1998
NEWS 13
         SEP 17
                 CAplus coverage extended to include traditional medicine
                 patents
NEWS 14
         SEP 24
                 EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS 15
         OCT 02
                 CA/CAplus enhanced with pre-1907 records from Chemisches
                 Zentralblatt
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         OCT 19
                 BEILSTEIN updated with new compounds
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         NOV 15
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         NOV 19
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         DEC 17
                 IMSDRUGCONF removed from database clusters and STN
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                 DGENE now includes more than 10 million sequences
                 TOXCENTER enhanced with 2008 MeSH vocabulary in
NEWS 25
         DEC 17
                 MEDLINE segment
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                 MEDLINE and LMEDLINE updated with 2008 MeSH vocabulary
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                 custom IPC display formats
NEWS 32
         JAN 28
                 MARPAT searching enhanced
NEWS 33
         JAN 28
                 USGENE now provides USPTO sequence data within 3 days
                  of publication
NEWS 34
         JAN 28
                 TOXCENTER enhanced with reloaded MEDLINE segment
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NEWS 35 JAN 28 MEDLINE and LMEDLINE reloaded with enhancements

NEWS EXPRESS 19 SEPTEMBER 2007: CURRENT WINDOWS VERSION IS V8.2, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 19 SEPTEMBER 2007.

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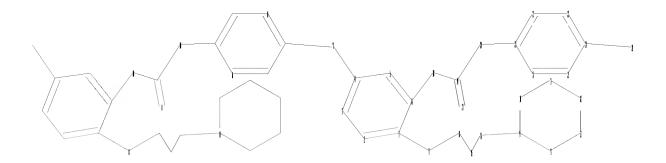
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chain nodes : 7 8 15 16 17 18 19 20 27 28 ring nodes : 2 3 4 5 6 9 10 11 12 13 14 21 22 23 24 25 26 chain bonds :  $1-7 \quad 4-17 \quad 6-18 \quad 7-8 \quad 8-15 \quad 9-16 \quad 15-16 \quad 18-19 \quad 19-20 \quad 19-27 \quad 20-21 \quad 24-28$ ring bonds : 1-2 1-6 2-3 3-4 4-5 5-6 9-14 9-10 10-11 11-12 12-13 13-14 21-22 21-26 22-23 23-24 24-25 25-26 exact/norm bonds : 1-7 6-18 7-8 9-14 9-10 9-16 10-11 11-12 12-13 13-14 18-19 19-20 19-2720-21 exact bonds : 4-17 8-15 15-16 24-28 normalized bonds :  $1-2 \quad 1-6 \quad 2-3 \quad 3-4 \quad 4-5 \quad 5-6 \quad 21-22 \quad 21-26 \quad 22-23 \quad 23-24 \quad 24-25 \quad 25-26$ 

## Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:Atom 10:Atom 11:Atom 12:Atom 13:Atom 14:Atom 15:CLASS 16:CLASS 17:CLASS 18:CLASS 19:CLASS 20:CLASS 21:Atom 22:Atom 23:Atom 24:Atom 25:Atom 26:Atom 27:CLASS 28:CLASS

## L1 STRUCTURE UPLOADED

=> s 11 sss ful FULL SEARCH INITIATED 09:48:59 FILE 'REGISTRY' FULL SCREEN SEARCH COMPLETED - 68 TO ITERATE

100.0% PROCESSED 68 ITERATIONS 1 ANSWERS SEARCH TIME: 00.00.01

L2 1 SEA SSS FUL L1

=> d 12

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2008 ACS on STN

RN 457098-78-1 REGISTRY

ED Entered STN: 30 Sep 2002

CN Urea, N-[5-methyl-2-[3-(1-piperidinyl)propoxy]phenyl]-N'-(5-methylpyrazinyl)- (9CI) (CA INDEX NAME)

OTHER NAMES:

 $\label{eq:cn_sol} \textbf{CN} \qquad 1-[5-\text{Methyl}-2-(3-(\text{piperidin}-1-\text{yl})\text{propoxy})\text{phenyl}]-3-(5-\text{methyl}\text{pyrazin}-2-(3-(\text{piperidin}-1-\text{yl})\text{propoxy})\text{phenyl}]-3-(5-\text{methyl}\text{pyrazin}-2-(3-(\text{piperidin}-1-\text{yl})\text{propoxy})\text{phenyl}]-3-(5-\text{methyl}\text{pyrazin}-2-(3-(\text{piperidin}-1-\text{yl})\text{propoxy})\text{phenyl}]-3-(5-\text{methyl}\text{pyrazin}-2-(3-(\text{piperidin}-1-\text{yl})\text{propoxy})\text{phenyl}]-3-(5-\text{methyl}\text{pyrazin}-2-(3-(\text{piperidin}-1-\text{yl})\text{propoxy})\text{phenyl}]-3-(5-\text{methyl}\text{pyrazin}-2-(3-(\text{piperidin}-1-\text{yl})\text{propoxy})\text{phenyl}]-3-(5-\text{methyl}\text{pyrazin}-2-(\text{piperidin}-1-\text{yl})\text{propoxy})\text{phenyl}]-3-(5-\text{methyl}\text{pyrazin}-2-(\text{piperidin}-1-\text{yl})\text{propoxy})\text{phenyl}]-3-(5-\text{methyl}\text{pyrazin}-2-(\text{piperidin}-1-\text{yl})\text{propoxy})\text{phenyl}]-3-(5-\text{methyl}\text{pyrazin}-2-(\text{piperidin}-1-\text{yl})\text{propoxy})\text{phenyl}]-3-(5-\text{methyl}\text{pyrazin}-2-(\text{piperidin}-1-\text{yl})\text{propoxy})\text{phenyl}]-3-(5-\text{methyl}\text{pyrazin}-2-(\text{piperidin}-1-\text{yl})\text{propoxy})\text{phenyl}]-3-(5-\text{methyl}\text{pyrazin}-2-(\text{piperidin}-1-\text{yl})\text{propoxy})\text{phenyl}]-3-(5-\text{methyl}\text{pyrazin}-2-(\text{piperidin}-1-\text{yl})\text{propoxy})\text{phenyl}]-3-(5-\text{methyl}\text{pyrazin}-2-(\text{piperidin}-1-\text{yl})\text{propoxy})\text{phenyl}]-3-(5-\text{methyl}\text{pyrazin}-2-(\text{piperidin}-1-\text{yl})\text{propoxy})\text{phenyl}]-3-(5-\text{methyl}\text{pyrazin}-2-(\text{piperidin}-2-(\text{piperidin}-1-\text{yl})\text{propoxy})\text{phenyl}]-3-(5-\text{methyl}\text{pyrazin}-2-(\text{piperidin}-$ 

yl)urea

MF C21 H29 N5 O2

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPAT2, USPATFULL

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus
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=> s 12

L3 1 L2

=> d 13

L3 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2002:695962 CAPLUS

DN 137:232680

TI Preparation of aryl and heteroaryl urea selective Chk1 inhibitors for use

as radiosensitizers and chemosensitizers for treating diseases and conditions related to DNA damage or lesions in DNA replication

Keegan, Kathleen S.; Kesicki, Edward A.; Gaudino, John Joseph; Cook, Adam IN Wade; Cowen, Scott Douglas; Burgess, Laurence Edward

Icos Corporation, USA PA

SO PCT Int. Appl., 236 pp.

CODEN: PIXXD2

DTPatent

LA English

FAN.		PATENT NO.					KIND				APPLICATION NO.					DATE			
ΡI	WO									WO 2002-US6452						20020301			
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			GM,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	KE	, KG,	KP,	KR,	KΖ,	LC,	LK,	LR,	
			LS,	LT,	LU,	LV,	MA,	MD,	MG,	MK,	MN	, MW,	MX,	MZ,	NO,	NZ,	OM,	PH,	
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	CN	1507436				A 20040623			CN 2002-809321 JP 2002-569814						20020301				
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=> s 12 and gemcitabine
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1 L2

4323 GEMCITABINE

1 GEMCITABINES

4323 GEMCITABINE

(GEMCITABINE OR GEMCITABINES)

0 L2 AND GEMCITABINE L4

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